

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD				Amendment Design Review (ADR) Yes/No: Y		ECN #: 890	
Date: 06.12.12				ADR Date: 06.12.08			
Job No: 00087				Created By: <i>PH</i>		Checked By: <i>PH</i>	
Product No: D135-751				Approved By: <i>PH</i>		Approved By: <i>PH</i>	
Product Name: EC 135 skidtube				(Proj. Manager) <i>PH</i>		(Management if reqd) <i>PH</i>	
Documents Affected:							
RELEASE:							
- MDL-D135-751 REV C, IIN-D135-751 REV B, ICA-D135-751 REV 1,							
- D2965 REV B, D3504 REV B, D3507 REV B, D3508 REV B, D3512 REV B, D3558 REV A							

#	Engineering Actions	Yes	No	Responsible	To happen by:	Complete
1	Required Documents/Drawings Under Review?	X		PH	06.12.15	06.12.14 <i>PH</i>
2	Update Blue/Pink Folder/Electronic File	X		KJ / PH	06.12.15	06.12.14 <i>PH</i>
3	Update DSI Folder/Electronic File		X			
4	Update D-Part Master Binder	X		KJ	06.12.15	06.12.14 <i>PH</i>
5	Update Grey Project Binder	X		KJ	06.12.15	06.12.14 <i>PH</i>
6	Update DEO/DSI Binder		X			
7	Update Master Document List (MDL)	X		PH	06.12.15	06.12.14 <i>PH</i>
8	Update Document Record (DR)	X		PH	06.12.15	06.12.14 <i>PH</i>
9	Update Change Record Form		X			
10	Move Electronic File	X		KJ	06.12.15	06.12.14 <i>PH</i>
11	Notify TC of Change		X			
12	Notify FAA of Change		X			
13	Update QSI 021 (TC/FAA STC)		X			
14	Update QSI 036 (K-Kits)		X			
15	Update Accpac Database	X		KJ	06.12.15	06.12.14 <i>PH</i>
16	Update Access Database	X		KJ	06.12.15	06.12.14 <i>PH</i>
17	Verification ARC	X	<i>PH</i>	KJ/PH	06.12.15	06.12.14 <i>PH</i>
18	Update STC Approval List		X			
19	Update Product Development Summary		X			
20	Create/Update COSS (Estimate/BOM)	X		EC/JLM	06.12.15	<i>PH</i>
21	Create/Update PPP's		X			
22	Update Paperwork Kits in Production	X		KJ	06.12.15	06.12.14 <i>PH</i>
23	Update Paperwork Kits in Stock		X			
24	Red Tag Stock with old CHG #		X			
25	Rework/Scrap Current Production	X		PH/EC	06.12.15	07.06.06 <i>PH</i>
26	Rework/Scrap Kits in Stock?		X			
27	Update Qpulse/Laminated Dwgs	X		KJ	06.12.15	06.12.14 <i>PH</i>
28	Create/Update Controlled PDF Files	X		KJ	06.12.15	06.12.14 <i>PH</i>
29	Create/Update FAI sheets	X		KJ/EC/JLM	06.12.15	<i>PH</i>
30	Create/Update CNC Programs	X		EC/JLM	06.12.15	<i>PH</i>
31	Create/Update Tooling		X			
32	MPP required?		X			
33	Notify Previous Customers		X			
34	Notify Eurocopter France		X			
35						
36						

Description / Action:
 RE-WORK CURRENT PRODUCTION (B28954, B28955, B28956, B28957) TO ADD:
 D2965 REV B, D3508 REV B, D3512 B, D3558 REV A AND HEX HEAD HARDWARE ONTO D135-751-011

NEW PART NUMBERS:
 D2965-3, D3558-1/-3/-5/-7, M-NEO60-S.063, **D135-751-043 wearplate kit**

ALL PAPERWORK KITS SHOULD BE IIN-D135-751 REV B, ICA-D135-751 REV 1
 FAI SHEET: D3504

 ECN Complete: *PH*

Date:

07.06.30

AMENDMENT DESIGN REVIEW (ADR)

Part/Installation No.: D135-751 Rev ____ Design Review No: ____ Date: 06.12.08
06.11.03

Project Number: 00087 Project Description/Title: EC 135 SKIDTUBE UPDATE

Eng. Project Manager: PETER HUM

Persons Present	Title	Initial
SERGE SHAHBAZIAN	Design Manager	<i>SH</i>
PETER HUM	Engineering Project Manager	<i>PH</i>
DAVID SHEPHERD	Chief Engineer (DE #02)	<i>DS</i>
	Manufacturing Manager	
	Quality Manager	
JEAN-LUC MENARD	Production Engineering Coordinator	<i>JLM</i>

Comments

- 1) ON FWD END OF D135-751 SKIDTUBE, D2965 CAP IS DIFFICULT TO INSTALL B/C OVALING DURING BENDING
- 2) ADD MACHINED D2965-3 CAP, MADE FROM D2965. CAN'T JUSTIFY NEW CASTING B/C OF COST AND QTY (SEE ATTACHED)
- 3) CHANGE WEARPLATES TO STAINLESS STEEL AND CHANGE TO SS HARDWARE, ADD RUBBER GASKET (SEE ATTACHED)
- 4) NEW WELDING ROD FOR HARDFACING IS 2059B, REFLECTED IN QSI 004 6A
- 5) UPDATE DWG/INICA TO SHOW NEW PARTS AND REPAIR SCHEME OF STAINLESS STEEL WEARPLATES WILL BE REFLECTED ON MDL-D135-751 REV C

REFERENCE ONLY

Key Tasks (Check or N/A)	Check	Responsible	Completion Date
Review Outstanding TSR/NCR/CAR/PAR	N/A		
Fill out Criteria/Constraints Form – Inputs	N/A		
Fill out Project Evaluation Form	N/A		
D-Part creation/revision	X	PH	06.12.13 PH
Get Manufacturing Input	N/A		
First Article Inspection	N/A		
Fit and Function Test	X	PH	06.12.13 PH
Structural Test	N/A		
Reports (Compliance, Loads, Stress, Conformity, DSI)	X	PH	06.12.13 PH
Check Drawings against all QSIs	X	PH	06.12.13 PH
Review Criteria/Constraints Form	N/A		
Revision to existing approval	N/A		
Close Amendment Project	X	PH	06.12.13 PH

Conclusion:

PROCEED AS INDICATED ABOVE

RELEASE DWGS + IIN/ICA PER ECN # 890